

## Styrolution Terblend<sup>®</sup> N NM-19 XP Beige 38163 ABS+PA (Conditioned)

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS)/Nylon Blend , Nylon

### Material Notes:

Description: Terblend<sup>®</sup> N NM-19 XP is an UV stabilized ABS/PA blend combining very high impact strength, even at low temperatures with an outstanding processability and excellent surface appearance. Information provided by STYROLUTION, which is a joint venture between BASF and INEOS

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Styrolution-Terblend-N-NM-19-XP-Beige-38163-ABSPA-Conditioned.php](http://www.lookpolymers.com/polymer_Styrolution-Terblend-N-NM-19-XP-Beige-38163-ABSPA-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.07 g/cc	0.0387 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	1.2 %	1.2 %	23 <sup>°</sup> C/50% RH; ISO 62
Linear Mold Shrinkage, Flow	0.0070 cm/cm	0.0070 in/in	ISO 2577
Melt Flow	42.8 g/10 min @Load 10.0 kg, Temperature 240 <sup>°</sup> C	42.8 g/10 min @Load 22.0 lb, Temperature 464 <sup>°</sup> F	ISO 1133

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	103	103	ISO 2039-2
Ball Indentation Hardness	70.0 MPa @Load 36.5 kg, Time 30.0 sec	10200 psi @Load 80.5 lb, Time 0.00833 hour	ISO 2039-1
Tensile Strength, Yield	34.0 MPa	4930 psi	ISO 527-1/-2
Elongation at Break	35 %	35 %	Nominal; ISO 527-1/-2
Elongation at Yield	5.5 %	5.5 %	ISO 527-1/-2
Tensile Modulus	1.40 GPa	203 ksi	ISO 527-1/-2

Thermal Properties	Metric	English	Comments
Vicat Softening Point	102 <sup>°</sup> C	216 <sup>°</sup> F	VST/B/50; ISO 306
	160 <sup>°</sup> C	320 <sup>°</sup> F	VST/A/50; ISO 306

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+11 ohm-cm	1.00e+11 ohm-cm	IEC 60093
	3.3	3.3	

Dielectric Constant Electrical Properties	Metric @Frequency 1.00e+6 Hz	English @Frequency 1.00e+6 Hz	IEC 60250 Comments
Dissipation Factor	0.055 @Frequency 1.00e+6 Hz	0.055 @Frequency 1.00e+6 Hz	IEC 60250

Processing Properties	Metric	English	Comments
Melt Temperature	240 - 270 Å°C	464 - 518 Å°F	Injection Molding
Mold Temperature	40.0 - 80.0 Å°C	104 - 176 Å°F	Injection Molding

Descriptive Properties	Value	Comments
Color	Beige 38163	
Commercial Status	Europe	
Primary Processing Technique	Injection Molding and Extrusion	

## Contact Songhan Plastic Technology Co.,Ltd.

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